Index of Claims

| Application/Control N | 0. |
|-----------------------|----|
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09/481,572

Examiner

Michael V. Meller

Applicant(s)/Patent under Reexamination

SHAN ET AL.

Art Unit

1655

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |          |          | <u> </u> |          |          |          |          |               |               | ٠              |                        |          | _                  |          |                 |           | _        |               |                    |          | 7        | _        |         |            | _        | _        |              | _        | _                  |                 |                 | _        |
|----------|----------|----------|----------|----------|----------|----------|----------|---------------|---------------|----------------|------------------------|----------|--------------------|----------|-----------------|-----------|----------|---------------|--------------------|----------|----------|----------|---------|------------|----------|----------|--------------|----------|--------------------|-----------------|-----------------|----------|
| Cla      | aim      | 5        | -        |          |          | ate      | ,        |               |               | 4:"            | Claim Date             |          |                    |          |                 |           | -        | Cla           | im                 | _        | Date     |          |         |            |          |          |              |          |                    |                 |                 |          |
| Final    | Original | W.C      | _        |          |          |          |          |               |               |                | Final                  | Original | 8                  | ,        |                 |           |          |               | ļ                  |          |          | Figure   | 3       | Original   |          |          |              |          |                    |                 |                 |          |
|          | 1        | ۳        |          | $\dashv$ | $\dashv$ | _        |          |               | -             | 1              |                        | 51       | 7                  | /        |                 | -         | _        | $\dashv$      | $\dashv$           | $\dashv$ | ╣.       | $\vdash$ | +       | 101        | +        | +        | +            | +        | ╁                  | $\vdash$        | $\dashv$        | $\dashv$ |
|          | 2        |          |          |          | $\dashv$ | -        | -        |               |               | 1              |                        | 52 '     | 12                 |          |                 |           |          | _             | _                  | _        | 7        | $\vdash$ |         | 102        | $\dashv$ | _        | $\top$       | ╁        | T                  | ╁               |                 | $\neg$   |
|          | 3        |          |          |          |          |          |          |               |               |                |                        | 53       | L                  |          |                 |           |          | $\dashv$      | $\top$             |          | 7        | -        |         | 103        | $\neg$   | $\neg$   | _            | $\top$   | T                  |                 | $\dashv$        | ヿ        |
|          | 4        |          |          |          |          |          | ヿ        | $\neg$        | 7             |                |                        | 54       | Ė                  |          | П               |           | ヿ        |               | T                  |          | 7        | Г        |         | 104        | T        | $\top$   | 1            | Т        | T                  | T               | $\Box$          | ヿ        |
|          | 5        |          |          |          |          | T        |          |               |               | ٦.             |                        | 55       | W                  |          |                 |           |          |               | T                  |          |          |          | П       | 105        |          | T        | 1            | Т        |                    | Т               |                 | П        |
|          | 6        |          |          |          |          |          | ヿ        |               |               | 1              |                        | 56       | $\prod$            |          |                 |           |          |               |                    |          |          |          | $\Box$  | 106        |          |          | Т            |          |                    |                 |                 |          |
|          | 7        |          |          |          |          |          |          |               |               | ] (            |                        | 57       | П                  |          |                 |           |          |               |                    |          |          |          |         | 107        |          |          |              | I        |                    |                 |                 |          |
|          | 8        |          |          | _        |          |          |          |               |               |                | Ш                      | 58       | Ц                  | <u></u>  | Ш               |           |          |               | 4                  |          |          | <u> </u> |         | 108        |          | _        | 1            | $\perp$  |                    | <u> </u>        |                 | _        |
|          | 9        |          |          |          | _        |          | _        | $\perp$       | 4             |                |                        | 59       | Ш                  |          |                 |           |          |               | _                  | 4.       |          | L        |         | 109        | _        |          |              |          |                    |                 |                 |          |
|          | 10       |          |          | _        | _        | _        | _        | $\perp$       | _             | 4              |                        | 60       | IJ,                | -        |                 |           |          |               | -                  |          | 4        |          | -       | 110        | 1        | +        | 1            |          | 1                  |                 |                 | _        |
|          | 11       | <u> </u> | Щ        | _        | _        | $\dashv$ | 4        | $\vdash$      |               | 4              |                        |          | V                  | ļ        | Н               | -         | _        | 4             | +                  | _        | 4        | _        | +       | 111        | $\dashv$ | +        | +            | +        | -                  | ├-              |                 |          |
| ļ        | 12       |          | $\vdash$ | -        |          | $\dashv$ | $\dashv$ | $\vdash$      | +             | - :            | $\vdash$               | 62       | V                  | 1        | $\vdash \vdash$ |           |          | -+            | +                  | +        | +        | -        | +       | 112        | +        | +        | +            | +        | $\vdash$           | $\vdash$        | $\vdash \vdash$ | $\dashv$ |
|          | 13<br>14 | _        | Н        | -        | ᅱ        | -        |          | $\vdash$      | +             | -              | $\vdash\vdash\vdash$   | 63<br>64 | -                  | u        | H               | $\dashv$  |          | +             | +                  | +        | -        | <u> </u> | +       | 113<br>114 | $\dashv$ | +        | +            | +        | +                  | $\vdash$        | $\vdash \vdash$ | $\dashv$ |
|          | 15       | -        | $\vdash$ | -        | $\dashv$ | $\dashv$ |          | -             | -+            | -              | $\vdash\vdash$         | 65       | $\boldsymbol{\nu}$ | $\vdash$ | Н               | $\dashv$  | $\dashv$ | +             | +                  | ┽        | ۲.       | -        | +       | 115        | $\dashv$ | +        | +            | +        | +                  | +               | $\vdash \dashv$ |          |
|          | 16       | <u> </u> | Н        |          | $\dashv$ | $\dashv$ | $\dashv$ | -             | +             | 2. <b>-201</b> | $\vdash \vdash \vdash$ | 66       | $\vdash$           |          | $\vdash \vdash$ |           | -        | -+            | +                  |          | -        | -        | +       | 116        | -+       | +        | +            | +        | +                  | ╁               | $\vdash$        | ᅥ        |
|          | 17       | $\vdash$ | $\vdash$ |          | $\dashv$ | $\dashv$ | -        | +             |               | 1              | $\vdash\vdash\vdash$   | 67       | $\vdash$           | $\vdash$ | $\vdash \vdash$ | $\dashv$  | _        | $\dashv$      | +                  | +        | - 1      | -        | +       | 117        | +        | +        | +            | +        | +-                 | $\vdash$        | $\vdash \vdash$ | ᅱ        |
| _        | 18       |          |          |          | -        | 一        |          | -             | +             | *              | $\vdash$               | 68       | $\vdash$           | $\vdash$ | Н               | $\exists$ | $\dashv$ | $\dashv$      | +                  |          | ┨        | $\vdash$ | +       | 118        | $\dashv$ | +        | +            | +-       | +                  | ╁╌              | $\vdash$        | ᅱ        |
|          | 19       |          | -        |          |          | $\dashv$ | _        | $\dashv$      | +             | 100            | $\vdash$               | 69       |                    | -        |                 |           | -        | +             | +                  | _        | ٦.       | $\vdash$ |         | 119        | +        | $\dashv$ | +            | +        | t                  | T               | $\vdash$        | $\dashv$ |
| <b></b>  | 20       |          |          |          |          | 7        | 7        | $\dashv$      | +             | 1              | H                      | 70       | _                  |          | Н               |           | 7        | 1             | ┪                  | 1        | 7        | $\vdash$ | 1       | 120        | 1        | 十        | ╅            | $\top$   | t                  | T               | $\Box$          | ᅥ        |
|          | 21       |          |          |          |          |          |          |               | $\top$        | 1              | П                      | 71       |                    |          | П               | 寸         | 寸        | $\dashv$      | $\top$             | $\top$   | ٦.       | $\vdash$ | 十       | 121        | $\top$   | $\top$   | $\top$       | T        | 1                  | T               | $\dashv$        | ᅥ        |
|          | 22       |          | П        |          | $\neg$   | $\neg$   | $\neg$   |               |               | -              |                        | 72       |                    |          | П               | $\neg$    | 一        | $\dashv$      | $\top$             | 1        | 7        |          | Т       | 122        | $\top$   | $\top$   | $\top$       | $\top$   | T                  |                 |                 | ヿ        |
|          | 23       |          |          |          |          | $\Box$   |          |               |               | 1              |                        | 73       |                    |          |                 |           |          |               |                    |          |          |          |         | 123        |          |          |              | 1        |                    |                 |                 | コ        |
|          | 24       |          |          |          |          |          |          |               |               | ] ·            |                        | 74       |                    |          |                 |           |          |               |                    |          |          |          | I       | 124        | I        |          | Ι.           |          |                    |                 |                 |          |
|          | 25       |          |          |          |          | $\Box$   |          |               |               | ] ,            |                        | 75       |                    |          |                 |           |          |               | $\perp$            |          | ].       |          | $\perp$ | 125        | $\perp$  |          | $\perp$      | $\perp$  |                    |                 |                 |          |
|          | 26       |          |          |          | $\dashv$ | _        | _        |               |               | 1              |                        | 76       |                    |          | Щ               | _         | _        | $\bot$        | 4                  |          |          |          |         | 126        | 4        | _        | 1            | ↓_       | L                  |                 |                 |          |
|          | 27       |          |          | _        |          | $\dashv$ | _        |               |               |                |                        | 77       | <u></u>            |          | Ш               |           |          |               | _                  |          |          | L        | _       | 127        |          | 4        | _            | $\perp$  | ļ                  | L               |                 | _        |
|          | 28       |          |          | _        | $\dashv$ | 4        | _        | _             |               | - 1            |                        | 78       | <u> </u>           |          | Щ               | _         | _        | _             | 4                  | <b>-</b> | 4.       |          | 4       | 128        | _        | 4        | $\downarrow$ | $\bot$   |                    | ļ               |                 | _        |
|          | 29       |          |          | _        | _        |          | $\dashv$ | $\rightarrow$ | $\perp$       | 4              |                        | 79       | <u> </u>           | <u> </u> | Н               | $\dashv$  | $\dashv$ | 4             | 4                  |          | 4        | <u></u>  |         | 129        | -        | +        | 4            | +-       | $oldsymbol{\perp}$ | _               |                 | _        |
|          | 30       |          |          |          | $\dashv$ | -        | -        | -             | $\perp$       | 4              |                        | 80       | <u> </u>           |          | Н               | -         | $\dashv$ | -             | +                  | - -      | 4        | -        | 4       | 130        | -        | 4        | +            | +        | ╀                  | $\vdash$        | _               | $\dashv$ |
|          | 31       |          | _        | $\dashv$ |          | -        |          |               | _             | - ⊦            | $\vdash$               | 81       | <u> </u>           |          | Н               | -         | _        | _             | 4                  |          | ╣        | <u> </u> | +       | 131        | +        | +        | +            | +-       | ├-                 | ╀               | -               | $\dashv$ |
|          | 32       |          |          | -        | $\dashv$ | $\dashv$ |          |               | -             | -              |                        | 82       | $\vdash$           | -        | $\vdash \vdash$ | $\dashv$  |          | +             | +                  | +-       | 4        | -        |         | 132        | -+       | +        | +            | +        | +                  | -               | -               | $\dashv$ |
|          | 33<br>34 |          | -        | -        | $\dashv$ | $\dashv$ |          | $\dashv$      | +             | -{.            |                        | 83<br>84 | -                  | $\vdash$ | $\vdash$        | $\dashv$  | $\dashv$ | +             | +                  | +-       | 4        | -        | +       | 133<br>134 | +        | +        | +            | +        | ╁                  | $\vdash$        | $\dashv$        | $\dashv$ |
|          | 35       | -        | $\dashv$ | -        | -        | +        | $\dashv$ | $\dashv$      | +             | ┥              | $\vdash \vdash \vdash$ | 85       | $\vdash$           | $\vdash$ | $\vdash$        | $\dashv$  | ᅱ        | +             | +                  | +        | $\dashv$ | $\vdash$ | +       | 135        | $\dashv$ | +        | +            | +        | ╁╌                 | $\vdash$        | $\dashv$        | ᅱ        |
|          | 36       |          |          | -        | $\dashv$ | -+       | $\dashv$ | $\dashv$      | $\dashv$      |                | $\vdash$               | 86       | $\vdash$           | $\vdash$ | $\vdash$        | -         | $\dashv$ | +             | +                  | +        | -        | -        | +       | 136        | +        | +        | +            | +        | +-                 |                 | $\dashv$        | 一        |
| <u> </u> | 37       |          | $\dashv$ | ᅱ        | $\dashv$ | +        | $\dashv$ | $\dashv$      | +             | 1              | $\vdash \dashv$        | 87       |                    | Ι-       | $\vdash \vdash$ | -         | $\dashv$ | $\dashv$      | +                  | +        | ┨        | <b> </b> | +       | 137        | $\dashv$ | +        | +            | ╁        | T                  | $\vdash$        | -               | $\dashv$ |
|          | 38       |          | $\vdash$ |          | $\dashv$ | $\dashv$ | $\dashv$ | _             | $\dashv$      | -              | $\vdash \vdash \vdash$ | 88       | $\vdash$           | Т        | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$      | +                  | $\dashv$ | ۱,       |          | +       | 138        | 十        | +        | 十            | 十        | $\vdash$           | $\vdash$        | $\dashv$        | $\dashv$ |
|          | 39       |          |          | $\neg$   | 一        | _        | $\dashv$ | _             | $\neg   \neg$ | 1              |                        | 89       | Г                  |          | $\sqcap$        | $\neg$    |          | $\dashv$      | $\top$             | $\top$   | 1        | T        |         | 139        | 十        | +        | 十            | $\top$   | 1                  | T               | 寸               | ᅦ        |
|          | 40       |          |          |          | 一        |          | $\dashv$ | $\dashv$      | $\dashv$      | 1              |                        | 90       |                    |          | $\Box$          | $\neg$    | $\dashv$ | $\neg$        | 十                  | $\top$   | 1        |          | +       | 140        | $\top$   | $\top$   | $\top$       | $\top$   | T                  | П               |                 | $\dashv$ |
|          | 41       |          |          |          | $\neg$   |          |          |               | 丁             | ] .            |                        | 91       |                    |          |                 |           |          | $\Box$ $\Box$ | 丁                  |          |          |          | П       | 141        |          |          |              | Τ        | Ι                  |                 |                 | $\neg$   |
|          | 42       |          |          |          |          |          | ╛        |               | 1             | ]              |                        | 92       |                    |          |                 |           |          |               | $\prod$            |          | ],       |          | П       | 142        |          | I        |              |          |                    |                 |                 |          |
|          | 43       |          |          |          |          |          | $\Box$   | $\Box$        |               |                |                        | 93       |                    |          |                 |           |          | $\Box$        | $oxed{oxed}$       |          |          |          | $\perp$ | 143        | $\Box$   |          |              |          |                    |                 |                 |          |
|          | 44       |          |          |          | $\Box$   | $\Box$   | $\Box$   | $\Box$        |               | 1              | $oxed{\Box}$           | 94       |                    |          | $\Box$          | [         | $\Box$   | $\perp$       | $oldsymbol{\perp}$ | $\Box$   |          |          | $\perp$ | 144        | $\perp$  |          | Г            | L        |                    | $\Box$          | $\Box$          |          |
|          | 45       | V        |          |          | $\Box$   | [        | _[       | [             |               | 4              | Ш                      | 95       |                    |          | Ш               |           | _[       |               | $\perp \Gamma$     |          | 4        |          |         | 145        |          |          | $\perp$      | 1        | _                  | Ш               |                 |          |
|          | 46       |          |          | [        | $\perp$  |          | $\dashv$ |               |               | 1              | <b> </b>               | 96       | L.                 |          | $\square$       |           |          | $\perp$       | $\perp$            |          | 4        |          | $\perp$ | 146        | $\perp$  | $\perp$  | 4            | 1        | <u> </u>           | Ш               | [               |          |
|          |          | 7        |          |          |          |          | _        |               | _             | 1              | <b>  </b>              | 97       | _                  |          | $\sqcup$        | $\dashv$  |          | $\perp$       | $\perp$            | $\perp$  | 4        | <u></u>  | $\perp$ | 147        | 4        | 4        | $\bot$       | 1        | _                  |                 | $\dashv$        | _        |
|          |          | 4        | 4        | _        | 4        | _        | _        | _             |               | 4              | igsqcut                | 98       |                    | $\vdash$ | <b></b>         | _         | _        | -             | 4                  |          | 4        | <u></u>  | 4       | 148        | 4        | +        | 4            | +        | ⊢                  | $\vdash \vdash$ | 4               | _        |
| ——I      |          | 4        | _        | _        | 4        | $\dashv$ | _        | _             | +             | 4              | $\vdash \vdash$        | 99       |                    |          | $\vdash$        |           |          | $\perp$       | 4                  | +        | 4        | <u>_</u> | +       | 149        | +        | +        | +            | +        | -                  | $\vdash$        | $\dashv$        | ᆈ        |
|          | 50       | 1/       |          |          |          |          | 1        | L             |               | J              | ᆫᆜ                     | 100      |                    | L        |                 | 1         |          |               |                    |          | ┛        | L        |         | 150        | $\perp$  |          | 丄            | <u> </u> | L_                 | <u>L</u>        |                 | 1        |